

MOTOR DATA SHEET

Motor type: dSg250M4-EP

Series: **General purpose**



04-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	D	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
1000	Y	50	55	75	S1	37.5	1483	354	2.4	2.6	7.3	93.2	93.9	93.5	0.86	0.90	0.91

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	75		
Frame size	250	Sound power level [dB]	85		
Number of poles	4	Terminal box position	top		
Starting method	DOL	Possibility of terminal box rotation	no		
Insulation class	F	Bearing on D-side	NU315		
Frequency converter supply	on demand	Bearing on ND-side	6315C3		
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	485	Feet - material	cast iron		
Moment of inertia [kgm2]	0.79	Bearing shields - material	cast iron		
Direction of rotation	CW/CCW	Painting	RAL5010		
Degree of protection	IP55	Climatic execution	N		

	ENVIRONMENT		
Ambient temperature [°C]	from -20 up to +40	Altitude above sea level [m]	up to 1000
Relative humidity [%]	up to 100		

ACCESSORY						
Number of terminals or cables	3	Temperature sensors in bearings	2 x bimetallic (1pc/bearing)			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	3 x bimetallic	Optional accessories	on demand			

STANDARDS
IEC 60034-1, IEC 60079-0, IEC 60079-1

CERTIFICATES	
ATEX, EAC, BiH	

ADDITIONAL INFO					
Ex marking	I M2 Ex db I Mb / II2G Ex db IIA T5 Gb				

